

ABSTRACT OF THE DISCLOSURE

In response to start of cranking in an internal combustion engine by a starter, a fuel injection control starts. When an initial combustion of the fuel injected into the internal combustion engine is detected based on a rotational speed of a crankshaft, it is determined that the internal combustion engine is in a warm-up period, and a control for reducing a fuel injection period is executed. When it is detected that the rotational speed of the crankshaft exceeds a predetermined rotational speed, it is determined that the internal combustion engine is in a start-up promotion period, and a control for extending the fuel injection period is executed.